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Report No. SES-01927

Wednesday February 8, 2017

# Satellite Communications Services Information re: Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-LIC-20161223-00969 E E160180 ACC Licensee, LLC EZ

Application for Authority 01/31/2017 - 01/31/2032

Grant of Authority Date Effective: 01/31/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Transportable

ANTENNA ID: 1 1.4 meters AVL Technologies 1410K

 $14000.0000 - 14500.0000 \ MHz \qquad \qquad 36M0G7W \qquad \qquad 65.47 \ dBW \qquad \qquad Compressed \ Digital \ Video \ and \ Audio$ 

**Points of Communication:** 

1 - PERMITTED LIST - ()

SES-MOD-20161216-00949 E E040399 WLS Television, Inc.

Application for Modification 11/30/2004 - 11/30/2019

Grant of Authority Date Effective: 02/01/2017

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID:

LOCATION: GREATER CHICAGO METRO AREA AND MIDWESTERN USA, VARIOUS

ANTENNA ID: 1 1.5 meters ADVENT COMMUNICATIONS NEWS SWIFT 150 KMA

14000.0000 - 14500.0000 MHz 36M0G7W 66.30 dBW PSK DIGITAL VIDEO, AUDIO, VOICE

AND DATA

ANTENNA ID: 2CHICAGO 1.4 meters AVL TECHNOLOGIES 1410

 $14000.0000 - 14500.0000 \,\, \text{MHz} \qquad \qquad 36\text{MOG7W} \qquad \qquad 65.00 \,\, \text{dBW} \qquad \qquad \text{SINGLE CARRIER DVB S/S2 DIGITAL}$ 

VIDEO, PROGRAM AUDIO,, VOICE

AND DATA.

**Points of Communication:** 

1 - PERMITTED LIST - ()

Renewal 04/04/2017 - 04/04/2032

Grant of Authority Date Effective: 02/02/2017

**Class of Station:** Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 19670 302ND ROAD, ATCHISON, ATCHISON, KS

39 ° 35 ' 44.90 " N LAT. 95 ° 6 ' 26.80 " W LONG.

ANTENNA ID: 1 3.8 meters PRODELIN CORPORATION 1380

3700.0000 - 4200.0000 MHz 36M0F8F ANALOG VIDEO WITH ASSOCIATED

SUBCARRIERS

3700.0000 - 4200.0000 MHz 36M0G7F VIDEO COMPRESSED

**Points of Communication:** 

1 - PERMITTED LIST - ()

SES-STA-20170113-00053 E Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 02/03/2017

Class of Station:

On February 3, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning February 5, 2017, to operate its Riverside, CA fixed earth station to provide launch and early orbit phase (LEOP) services for the EchoStar-21 satellite as it proceeds to 10.25° E.L. LEOP services will be provided on the following center frequencies: 27.997 GHz and 27.999 GHz (Earth-to-space); and 18.697 GHz and 18.699 GHz (space-to-Earth).

**Points of Communication:** 

SES-STA-20170120-00055 E KL92 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 01/30/2017

**Class of Station:** 

On January 30, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning February 14, 2017, to operate its fixed earth station in Castle Rock, CO to provide: (1) launch and early orbit phase (LEOP) services for the Sky-B1 satellite; (2) telemetry, tracking and command (TT&C) services during the in-orbit testing (IOT) at 33.0° W.L.; (3) TT&C as it proceeds to its final location at 43.1° W.L.; and (4) TT&C at the 43.1° W.L. orbital location. All services will be provided on the following center frequencies: 13249.50 MHz and 14498.00 MHz (Earth-to-space); and 11443.00 MHz, 11443.50 MHz, 11444.50 MHz, 11446.50 MHz and 11447.00 MHz (space-to-Earth).

# **Points of Communication:**

**SES-STA-20170125-00062** E E940532 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 02/01/2017

#### Class of Station:

On February 1, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning February 1, 2017, to continue to operate its fixed earth station in Ellenwood, GA to conduct telemetry, tracking and command (TT&C) services to the Intelsat 1R (S2368) satellite as it drifts from the 50.1° W.L. orbital location to the 169.2° E.L. orbital location on the following center frequencies: 13995 MHz and 14498.5 MHz (Earth-to-space); and 11696 MHz and 11697 MHz (space-to-Earth).

# **Points of Communication:**

**SES-STA-20170125-00063** E E140121 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 02/01/2017

#### Class of Station:

On February 1, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning February 1, 2017, to operate its fixed earth stations in Hagerstown, MD to conduct telemetry, tracking, and command (TT&C) services to the Intelsat 1R (S2368) satellite as it drifts from the 50.1° W.L. orbital location to the 169.2° E.L. orbital location on the following center frequencies: 13995 MHz and 14498.5 MHz (Earth-to-space); and 11696 MHz and 11697 MHz (space-to-Earth).

# **Points of Communication:**

SES-STA-20170125-00064 E KA258 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 02/01/2017

# Class of Station:

On February 1, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning February 1, 2017, to operate its fixed earth station in Hagerstown, MD to conduct telemetry, tracking, and command (TT&C) services to the Intelsat 1R (S2368) satellite as it drifts from the 50.1° W.L. orbital location to the 169.2° E.L. orbital locations on the following center frequencies: 13995 MHz and 14498.5 MHz (Earth-to-space); and 11696 MHz and 11697 MHz (space-to-Earth).

# Points of Communication:

**SES-STA-20170125-00065** E E060384 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 02/01/2017

# Class of Station:

On February 1, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning February 1, 2017, to operate its fixed earth station in Riverside, CA to conduct telemetry, tracking, and command (TT&C) services to the Intelsat 1R (S2368) satellite as it drifts from the 50.1° W.L. orbital location to the 169.2° E.L. orbital location on the following center frequencies: 13995 MHz and 14498.5 MHz (Earth-to-space); and 11696 MHz and 11697 MHz (space-to-Earth).

# **Points of Communication:**

**SES-STA-20170125-00066** E E030096 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 02/01/2017

#### Class of Station:

On February 1, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning February 1, 2017, to operate its fixed earth station in Castle, Rock, CO to conduct telemetry, tracking, and command (TT &C) services to the Intelsat 1R (S2368) satellite as it drifts from the 50.1° W.L. orbital location to the 169.2° E.L. orbital location on the following center frequencies: 13995 MHz and 14498.5 MHz (Earth-to-space); and 11696 MHz and 11697 MHz (space-to-Earth).

# **Points of Communication:**

SES-STA-20170125-00067 E KL92 Intelsat License LLC

Special Temporary Authority

Grant of Authority Date Effective: 02/01/2017

#### Class of Station:

On February 1, 2017, Intelsat License LLC was granted special temporary authority for 30 days, beginning February 1, 2017, to operate its fixed earth station in Castle, Rock, CO to conduct telemetry, tracking, and command (TT&C) to the Intelsat 1R (S2368) satellite as its drifts from the 50.1° W.L. orbital location to the 169.2° E.L. orbital location on the following center frequencies: 13995 MHz and 14498.5 MHz (Earth-to-space); and 11696 MHz and 11697 MHz (space-to-Earth).

# Points of Communication:

SES-STA-20170130-00104 E E080100 Row 44 Inc.

Special Temporary Authority

Grant of Authority Date Effective: 02/01/2017

# Class of Station:

On February 1, 2017, Row 44 Inc., was granted special temporary authority for 30 days, beginning February 8, 2017, to operate earth stations aboard aircraft with the AMC-6 satellite at the 67° W orbital location, in the 14.05-14.47 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

# **Points of Communication:**

**SES-STA-20170131-00106** E E010074 Orbital Media Networks, Inc.

Special Temporary Authority

Grant of Authority Date Effective: 02/02/2017

# Class of Station:

On February 2, 2017, Orbital Media Networks, Inc. was granted special temporary authority for 30 days, beginning February 2, 2017, to operate its fixed earth station in Englewood, CO to communicate with the AMC 18 satellite at the 105° W.L. orbital location, in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

# **Points of Communication:**

# INFORMATIVE

**SES-MOD-20170112-00029** E970199 GUSA Licensee LLC

On January 12, 2017 Globalstar, Inc., and its subsidiaries, GUSA Licensee LLC and GCL Licensee LLC (together "Globalstar"), notified the Commission of orbital adjustments to the non-geostationary mobile satellite service ("NGSO MSS") space stations in Globalstar's Big LEO MSS constellation. Globalstar launched the majority of its first-generation Big LEO satellites in the late 1990s, and then deployed eight additional first-generation satellites in 2007. Globalstar launched its second-generation Big LEO satellites in a series of launches from October 2010 to February 2013, and all 24 satellites are now in service. Globalstar plans to transition to a balanced 24-satellite Walker configuration operating over eight orbital planes, utilizing all of its second-generation satellites. Globalstar will continue to operate its eight remaining first-generation satellites in their current orbital configurations. Over a transition of approximately eleven weeks, Globalstar will adjust the phasing of its second-generation satellites within these satellites' previously authorized orbital planes. Globalstar initiated this repositioning process for its NGSO MSS space stations on or shortly after January 22, 2017. Pursuant to Section 25.118(f) of the Commission's rules, Globalstar has certified that it will: (1) continue to comply with the conditions of the space station license and all applicable Commission rules, including geographic coverage requirements, after the repositioning; (2) not increase risk of harmful interference to other systems not permitted by coordination agreements; (3) not request increased interference protection because of the repositioning; (4) monitor collision risk during the maneuver and take any necessary evasive measures; and (5) limit any change of orbital altitude entailed by the repositioning to not exceed 10 kilometers in extent or 30 days in duration, and notify, the operator(s) of any satellite within 20 kilometers of the interim orbit at least 10 days before commencing the repositioning maneuve

**SES-MOD-20170112-00030** E990337 GCL Licensee LLC

On January 12, 2017 Globalstar, Inc., and its subsidiaries, GUSA Licensee LLC and GCL Licensee LLC (together "Globalstar"), notified the Commission of orbital adjustments to the non-geostationary mobile satellite service ("NGSO MSS") space stations in Globalstar's Big LEO MSS constellation. Globalstar launched the majority of its first-generation Big LEO satellites in the late 1990s, and then deployed eight additional first-generation satellites in 2007. Globalstar launched its second-generation Big LEO satellites in a series of launches from October 2010 to February 2013, and all 24 satellites are now in service. Globalstar plans to transition to a balanced 24-satellite Walker configuration operating over eight orbital planes, utilizing all of its second-generation satellites. Globalstar will continue to operate its eight remaining first-generation satellites in their current orbital configurations. Over a transition of approximately eleven weeks, Globalstar will adjust the phasing of its second-generation satellites within these satellites' previously authorized orbital planes. Globalstar initiated this repositioning process for its NGSO MSS space stations on or shortly after January 22, 2017. Pursuant to Section 25.118(f) of the Commission's rules, Globalstar has certified that it will: (1) continue to comply with the conditions of the space station license and all applicable Commission rules, including geographic coverage requirements, after the repositioning; (2) not increase risk of harmful interference to other systems not permitted by coordination agreements; (3) not request increased interference protection because of the repositioning; (4) monitor collision risk during the maneuver and take any necessary evasive measures; and (5) limit any change of orbital altitude entailed by the repositioning to not exceed 10 kilometers in extent or 30 days in duration, and notify, the operator(s) of any satellite within 20 kilometers of the interim orbit at least 10 days before commencing the repositioning maneuve

# **SURRENDER**

SES-LIC-20080519-00645 E080113 Global Crossing Americas Solutions, LLC

License surrendered by letter filed on February 2, 2017.

SES-LIC-20080519-00646 E080114 Global Crossing Americas Solutions, LLC

License surrendered by letter filed on February 2, 2017.

SES-LIC-20080519-00655 E080121 Global Crossing Americas Solutions, LLC

License surrendered by letter filed on February 2, 2017.

SES-LIC-20080519-00656 E080122 Global Crossing Americas Solutions, LLC

License surrendered by letter filed on February 2, 2017.

SES-LIC-20091229-01628 E090214 Global Crossing Americas Solutions, LLC

License surrendered by letter filed on February 2, 2017.

SES-LIC-20111021-01248 E110153 Global Crossing Americas Solutions, LLC

License surrendered by letter filed on February 2, 2017.

**SES-REG-20150807-00514** E150103 Vyvx, LLC

Registration surrendered by letter filed on February 2, 2017.

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.